



UNITED STATES PATENT AND TRADEMARK OFFICE

Commissioner for Patents
United States Patent and Trademark Office
P.O. Box 1450
Alexandria, VA 22313-1450
www.uspto.gov

Leo Peters
LSI Logic Corporation
MS D-106
1621 Barber Lane
Milpitas CA 95035

COPY MAILED

DEC 29 2006

OFFICE OF PETITIONS

In re Application of	:	DECISION
Eric Hung, Geeta K. Desai, Vijendra Kuroodi,	:	AMENDING INVENTORSHIP RULE 48
Alexander Miretsky, Mirko Vojnovic	:	AND GRANTING RULE 47 STATUS
Application No. 10/728,492	:	
Filed: December 5, 2003	:	
Attorney Docket No. 03-1237 (5201-27600)	:	

This is a decision on the petitions filed October 26, 2004, which are being treated under 37 CFR §§ 1.183, 1.48(a) and 1.47(a), to waive the statement requirement of 37 CFR 1.48(a)(2), accept the declaration lacking the signature of the non-signing added joint inventor, and accord this application status under 37 CFR 1.47(a).

The petitions are **GRANTED**.

Petitioner has shown that the non-signing inventor has refused to join in the filing of the above-identified application. It is agreed that under the extraordinary circumstances of this application, justice would be served by waiver of the requirements of 37 CFR 1.48(a)(2). Likewise, the same showing establishes that the declaration filed October 26, 2004 may be accepted under 37 CFR 1.47(a).

In view of the papers filed October 26, 2004, it has been found that this nonprovisional application, as filed, through error and without deceptive intent, failed to properly set forth the inventorship, and accordingly, the inventorship has been corrected in compliance with 37 CFR 1.48(a). The inventorship has been changed by the addition of: ALEXANDER MIRETSKY, MOUNTAIN VIEW, CA and MIRKO VOJNOVIC, SANTA CLARA, CA.

The above-identified application and papers have been reviewed and found in compliance with 37 CFR 1.47(a). This application is hereby accorded Rule 1.47(a) status.

As provided in Rule 1.47(a), this Office will forward notice of this application's filing to the non-signing inventor at the address given in the Declaration. Notice of the filing of this application will also be published in the Official Gazette.

As provided in 37 CFR 1.47(c), this Office will forward notice of this application's filing to the non-signing inventor at the address given in the petition. Notice of the filing of this application will also be published in the Official Gazette.

The required fee of \$400 petition for the 37 CFR 1.183 petition has been charged to petitioner's deposit account. The \$130 fee for the 37 CFR 1.48(a) petition was already charged.

This application is being referred to the Technology Center 2100 for action in its regular turn.

Telephone inquiries regarding this decision should be directed to Amelia Au at (571) 272-7414.

A handwritten signature in cursive script, appearing to read "Frances Hicks", is written over the printed name.

Frances Hicks
Petitions Examiner
Office of Petitions

Enclosure: Corrected Filing Receipt



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
 United States Patent and Trademark Office
 Address: COMMISSIONER FOR PATENTS
 P.O. Box 1450
 Alexandria, Virginia 22313-1450
 www.uspto.gov

APPL NO.	FILING OR 371 (c) DATE	ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	DRAWINGS	TOT CLMS	IND CLMS
10/728,492	12/05/2003	2115	842	03-1237 (5201-27600)	4	24	3

Leo Peters
 LSI Logic Corporation
 MS D-106
 1621 Barber Lane
 Milpitas, CA 95035

CONFIRMATION NO. 9752

CORRECTED FILING RECEIPT



OC000000021601894

Date Mailed: 12/14/2006

Receipt is acknowledged of this regular Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. **If an error is noted on this Filing Receipt, please mail to the Commissioner for Patents P.O. Box 1450 Alexandria Va 22313-1450. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).**

Applicant(s)

Eric Hung, San Jose, CA;
 Geeta K. Desai, Saratoga, CA;
 Vijendra Kuroodi, Cupertino, CA;
 ALEXANDER MIRETSKY, MOUNTAIN VIEW, CA;
 MIRKO VOJNOVIC, SANTA CLARA, CA;

Power of Attorney:

David Rose--26223	Louise Miller--36609
Charles Huston--31027	Timothy Croll--36771
Peter Scott--33279	Sandeep Jaggi--43331
Leo Peters--33562	Mollie Lettang--48405
Kevin Daffer--34146	Ann Mewherter--50484

Domestic Priority data as claimed by applicant**Foreign Applications**

If Required, Foreign Filing License Granted: 03/18/2004

The country code and number of your priority application, to be used for filing abroad under the Paris Convention, is
US10/728,492

Projected Publication Date: Request for Non-Publication Acknowledged

Non-Publication Request: Yes

Early Publication Request: No

Title

Low power memory controller with leaded double data rate DRAM package arranged on a two layer printed circuit board

Preliminary Class

713

PROTECTING YOUR INVENTION OUTSIDE THE UNITED STATES

Since the rights granted by a U.S. patent extend only throughout the territory of the United States and have no effect in a foreign country, an inventor who wishes patent protection in another country must apply for a patent in a specific country or in regional patent offices. Applicants may wish to consider the filing of an international application under the Patent Cooperation Treaty (PCT). An international (PCT) application generally has the same effect as a regular national patent application in each PCT-member country. The PCT process **simplifies** the filing of patent applications on the same invention in member countries, but **does not result** in a grant of "an international patent" and does not eliminate the need of applicants to file additional documents and fees in countries where patent protection is desired.

Almost every country has its own patent law, and a person desiring a patent in a particular country must make an application for patent in that country in accordance with its particular laws. Since the laws of many countries differ in various respects from the patent law of the United States, applicants are advised to seek guidance from specific foreign countries to ensure that patent rights are not lost prematurely.

Applicants also are advised that in the case of inventions made in the United States, the Director of the USPTO must issue a license before applicants can apply for a patent in a foreign country. The filing of a U.S. patent application serves as a request for a foreign filing license. The application's filing receipt contains further information and guidance as to the status of applicant's license for foreign filing.

Applicants may wish to consult the USPTO booklet, "General Information Concerning Patents" (specifically, the section entitled "Treaties and Foreign Patents") for more information on timeframes and deadlines for filing foreign patent applications. The guide is available either by contacting the USPTO Contact Center at 800-786-9199, or it can be viewed on the USPTO website at <http://www.uspto.gov/web/offices/pac/doc/general/index.html>.

For information on preventing theft of your intellectual property (patents, trademarks and copyrights), you may wish to consult the U.S. Government website, <http://www.stopfakes.gov>. Part of a Department of Commerce initiative, this website includes self-help "toolkits" giving innovators guidance on how to protect intellectual property in specific countries such as China, Korea and Mexico. For questions regarding patent enforcement issues, applicants may call the U.S. Government hotline at 1-866-999-HALT (1-866-999-4158).

LICENSE FOR FOREIGN FILING UNDER Title 35, United States Code, Section 184 Title 37, Code of Federal Regulations, 5.11 & 5.15

GRANTED

The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where the conditions for issuance of a license have been met, regardless of whether or not a license may be required as set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15 (b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted under 37 CFR 5.13 or 5.14.

This license is to be retained by the licensee and may be used at any time on or after the effective date thereof unless it is revoked. This license is automatically transferred to any related applications(s) filed under 37 CFR 1.53(d). This license is not retroactive.

The grant of a license does not in any way lessen the responsibility of a licensee for the security of the subject matter as imposed by any Government contract or the provisions of existing laws relating to espionage and the national security or the export of

technical data. Licensees should apprise themselves of current regulations especially with respect to certain countries, of other agencies, particularly the Office of Defense Trade Controls, Department of State (with respect to Arms, Munitions and Implements of War (22 CFR 121-128)); the Bureau of Industry and Security, Department of Commerce (15 CFR parts 730-774); the Office of Foreign Assets Control, Department of Treasury (31 CFR Parts 500+) and the Department of Energy.

NOT GRANTED

No license under 35 U.S.C. 184 has been granted at this time, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15(b).